

For Research Use Only

# PDIR Polyclonal antibody

Catalog Number: 15545-1-AP

Featured Product

5 Publications



## Basic Information

Catalog Number:

15545-1-AP

Concentration:

300 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7901

GenBank Accession Number:

BC001625

GeneID (NCBI):

10954

UNIPROT ID:

Q14554

Full Name:

protein disulfide isomerase family A, member 5

Calculated MW:

60 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

## Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : mouse liver tissue,

IP : mouse liver tissue,

IHC : human placenta tissue, human liver tissue, human ovary tissue, human spleen tissue, human testis tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Soma Samanta	29262583	Oncotarget	WB,IHC
Stefan Schorr	32133789	FEBS J	WB
Richard Zimmermann	34884833	Int J Mol Sci	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

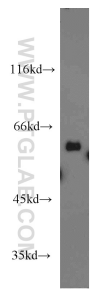
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

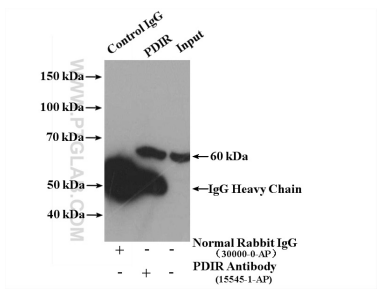
W: [ptgcn.com](http://ptgcn.com)

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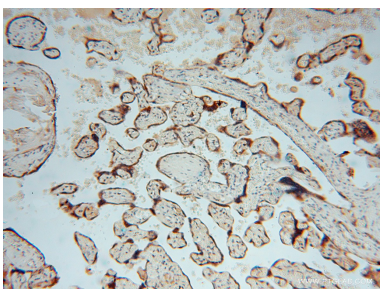
Selected Validation Data



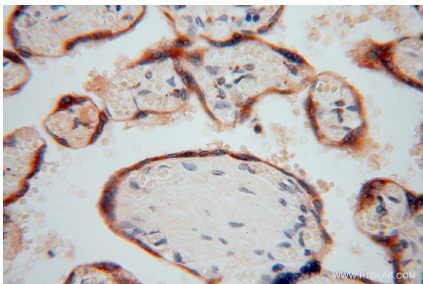
mouse liver tissue were subjected to SDS PAGE followed by western blot with 15545-1-AP (PDIR antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-PDIR (IP:15545-1-AP, 4ug; Detection:15545-1-AP 1:1000) with mouse liver tissue lysate 6000 ug.



Immunohistochemical analysis of paraffin-embedded human placenta using 15545-1-AP (PDIR antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta using 15545-1-AP (PDIR antibody) at dilution of 1:100 (under 40x lens).